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(71) Applicant (for all designated States except US): EUROPEAN SPACE AGENCY [FR/FR]; 8-10, rue Mario Nikis, F-75738 Paris (FR).

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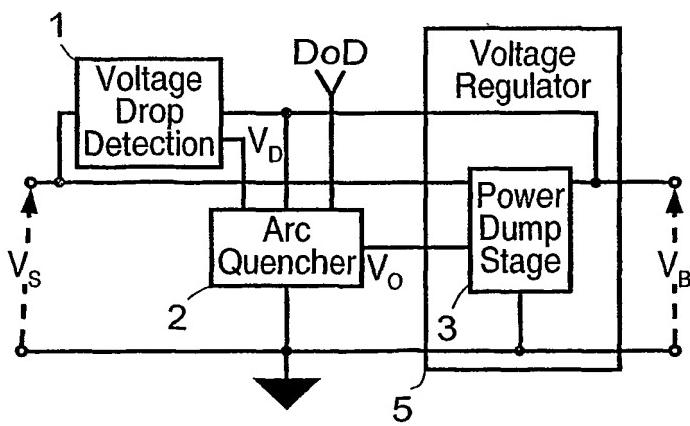
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(72) Inventor; and

(75) Inventor/Applicant (for US only): HAINES, James, Edward [GB/NL]; President Kennedylaan 122, NL-2343 GT Oegstgeest (NL).

(74) Agents: DE ROQUEMAUREL, Bruno et al.; Novagraaf Technologies, 122, rue Edouard Vaillant, F-92593 Levallois Perret Cedex (FR).

(54) Title: ARC QUENCHING DEVICE FOR A SOLAR ARRAY



(57) Abstract: A device for protecting against arcing events solar array panels and control equipment supplying a main power bus, the control equipment comprising a regulator (5) for controlling a solar array voltage (V_s) and including a power dump stage (3) for shunting the solar array voltage as a function of a control signal, the device comprising a voltage drop detection circuit (1) for generating a voltage drop detection signal (V_D) when a voltage drop is detected in the solar array voltage (V_s), and an arc-quenching circuit (2) comprising means for generating an output signal (V_o) which is applied as the control signal to the power dump stage (3) so as to shunt said solar array voltage (V_s) when a voltage drop is detected by said voltage drop detection circuit.